

Title (en)
COMMUNICATION SYSTEM FOR INTER-CELL COORDINATION

Title (de)
KOMMUNIKATIONSSYSTEM FÜR ZELLENÜBERGREIFENDE KOORDINATION

Title (fr)
SYSTÈME DE COMMUNICATION POUR COORDINATION ENTRE CELLULES

Publication
EP 2491749 A4 20150401 (EN)

Application
EP 10825112 A 20100723

Priority

- KR 20090101222 A 20091023
- KR 2010004838 W 20100723

Abstract (en)
[origin: US2011098055A1] System and methods for intercell coordination are provided. The system includes a macro terminal and a macro base station that allocate a radio resource for a sounding signal and determine a pattern of a sounding signal, in advance. The macro base station provides a femto base station included in the system with information about the pattern of the sounding signal, and the information about the radio resource of the sounding signal. The femto base station may receive the sounding signal from the macro terminal based on the information, and thus, the femto base station may determine whether the macro terminal exists and may determine a channel between the macro terminal and the femto base station.

IPC 8 full level
H04W 52/18 (2009.01); **H04B 7/06** (2006.01); **H04W 52/08** (2009.01); **H04W 52/14** (2009.01); **H04W 52/16** (2009.01); **H04W 52/24** (2009.01); **H04W 52/42** (2009.01); **H04W 72/04** (2009.01); **H04W 72/08** (2009.01); **H04W 92/20** (2009.01)

CPC (source: EP KR US)
H04W 52/08 (2013.01 - EP US); **H04W 52/143** (2013.01 - EP US); **H04W 52/16** (2013.01 - US); **H04W 52/24** (2013.01 - KR); **H04W 52/244** (2013.01 - EP US); **H04W 52/26** (2013.01 - KR); **H04W 52/42** (2013.01 - EP US); **H04B 7/0626** (2013.01 - EP US); **H04W 52/241** (2013.01 - EP US); **H04W 52/242** (2013.01 - EP US); **H04W 84/045** (2013.01 - EP US); **H04W 92/20** (2013.01 - EP US)

Citation (search report)

- [XAI] US 2009197631 A1 20090806 - PALANKI RAVI [US], et al
- [A] US 2009129341 A1 20090521 - BALASUBRAMANIAN SRINIVASAN [US], et al
- [IA] PICOCHIP DESIGNS: "Text Proposal for 3GPP Control of HeNB Downlink Interference", 3GPP DRAFT; R4-093671 DOWNLINK TP, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Miyazaki; 20091012, 12 October 2009 (2009-10-12), XP050393282
- See references of WO 2011049287A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
US 2011098055 A1 20110428; **US 8437795 B2 20130507**; CN 102598807 A 20120718; CN 102598807 B 20160608; EP 2491749 A2 20120829; EP 2491749 A4 20150401; EP 2491749 B1 20180912; JP 2013509071 A 20130307; JP 5690344 B2 20150325; KR 101524752 B1 20150610; KR 20110044508 A 20110429; US 2013237274 A1 20130912; US 8855702 B2 20141007; WO 2011049287 A2 20110428; WO 2011049287 A3 20110616

DOCDB simple family (application)
US 83390810 A 20100709; CN 201080047540 A 20100723; EP 10825112 A 20100723; JP 2012535104 A 20100723; KR 20090101222 A 20091023; KR 2010004838 W 20100723; US 201313858154 A 20130408